

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Environmental Consultants
P.O. Box 31203
Lafayette, LA 70503-1203
Phone (318) 251-1963 FAX (318) 233 - 0361

Project Name:

City of LafayetteProject #: 1051.03Project Location: Lafayette, LA

Rush Sample

SAMPLE CHAIN OF CUSTODY RECORD

Laboratory:

EFEH, INC.ATT: KIR

Sample Collected By:

KMM/SLS

Company:

HET

Date:

11/14/91

Sample I.D.	Type	Date/Time Sampled	Containers	Analysis Requested/Method	Comments
Area 4 SB10, 2-3 ft	So	11/13/91 @ 14310	(1) Qt Glass	TPH-41B.10 + Total VOC-B240 metals (B)	Chilled
Area 7-8 SB14 B-10 ft	So	11/13/91 @ 1500	(1) Qt Glass	TPH-41B.10 Total metals VOC-B240	" "
Area 4 SB5 (3.16-11 ft)	So	11/13/91 @ 1645	(1) Qt Glass	TPH-41B.10, Total VOC-B240 metals	" "
Area 4 SB10, 9.5-10.5 ft	So	11/13/91 @ 1705	(1) Qt Glass	TPH-41B.10 + Total (B) VOC-B240 metals	" "
Area 5 SB10, 2-3 ft	So	11/13/91 @ 15115	(1) Qt Glass	TPH-41B.10 Total VOC-B240 + metals	" "
Area 6 SB10, 7.5-8 ft	So	11/14/91 @ 1600	(2) 150mL Glass	TPH-41B.10 + Total VOC-B240 metals	" "
		11/13/91		Flush Samples - 24 hour turn	X
Relinquished By: <i>J.C. Rush</i>	Received By:				
Date/Time: <u>11/11/91 @ 1740</u>	Date/Time:				
Relinquished By:	Received By:				
Date/Time:	Date/Time:				
Analysis Due: Verbal	Written:				



1919 SAGEWIND DRIVE • HOUSTON, TEXAS 77057 • TELEPHONE (713) 484-2362

December 2, 1991

Mr. S. Stover
Hydro-Environmental Technology, Inc.
Environmental Consultants
P.O. Box 31203
Lafayette, Louisiana 70593-1203

Dear Mr. Stover:

Following are the results of the water sample submitted to our laboratory for analyses on November 26, 1991:

SAMPLE I.D.

SB1-Area 5
11/14/91 16:00

LAB NO.

E-4451

VOLATILES

Acetone	<10
Acrolein	<50
Acrylonitrile	<50
Benzene	83
Bromoform	<1
Carbon Tetrachloride	<1
Chlorobenzene	<1
Chlorodibromomethane	<1
Chloroethane	<1
2-Chloroethylvinyl ether	<1
Chloroform	6
Chloromethane	<1
Dichlorobromomethane	<1
1,1-Dichloroethane	<1
1,2-Dichloroethane	2
1,1-Dichloroethene	<1
Trans-1,2-Dichloroethane	<1
1,2-Dichloropropane	<1
Cis-1,3-Dichloropropylene	<1
Diethyl Ether	<1
P-Dioxane	<1
Ethylbenzene	7
Methyl Chloride	<1
Methylene Chloride	<1
Methyl Ethyl Ketone	<1

EFEH & ASSOCIATES

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SAMPLE I.D.

SB1-Area 6
11/14/91 16:00

LAB NO.

E-4451

1,1,2,2-Tetrachloroethane	<1
Tetrachloroethene	83
Toluene	127
1,1,1-Trichloroethane	5
1,1,2-Trichloroethane	<1
Trichloroethylene	<1
Vinyl Chloride	<1

NOTE: Units expressed in ug/l, unless otherwise noted.

METHOD: EPA 1624

BASE NEUTRALS

Acenaphthene	<5
Acenaphthylene	<5
Anthracene	<5
Benzidine	<5
Benzo(a)anthracene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Benzo(gh)perylene	<5
Bis(2-Chloroethoxy)Methane	<5
Bis(2-Chloroethyl) Ether	<5
Bis(2-Ethylhexyl)phthalate	<5
4-Bromophenyl Phenyl Ether	<5
Butylbenzyl Phthalate	<5
2-Chloronaphthalene	<5
4-Chlorophenyl Phenyl Ether	<5
Chrysene	<5
Dibenzo(a,h)anthracene	<5
Dibenzothiophene (Synfuel)	<5
1,2-Dichlorobenzene	<5
1,3-Dichlorobenzene	<5
1,4-Dichlorobenzene	<5
3,3'-Dichlorobenzidine	<5
Dicthyl Phthalate	<5
Dimethyl Phthalate	<5
2,4-Dimethylphenol	<5
Di-n-butyl Phthalate	<5
2,4-Dinitrotoluene	<5
2,6-Dinitrotoluene	<5
Di-n-octyl Phthalate	<5

EFEH & ASSOCIATES

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SAMPLE I.D.

SB1-Area 6
11/14/91 16:00

LAB NO.

E-4451

1,2-Diphenylhydrazine (as azobenzene)	<5
Fluoranthene	<5
Fluorene	<5
Hexachlorobenzene	<5
Hexachlorobutadiene	<5
Hexachlorocyclopentadiene	<5
Hexachloroethane	<5
Indeno(1,2,3-cd)pyrene	<5
Isophorone	<5
Naphthalene	<5
Nitrobenzene	<5
N-Nitrosodimethylamine	<5
N-Nitrosodi-n-propylamine	<5
N-Nitrosodiphenylamine	<5
Phenanthrene	<5
Phenol	<5
a-Picoline (Synfuel)	<5
Pyrene	<5
1,2,4-Trichlorobenzene	<5

NOTE: Units expressed in ug/l, unless otherwise noted.

METHOD: EPA 1625

TOTAL METALS

		Date Completed	% Recovery	Analyst
Asenic, mg/l	<0.01	11-27-91	99.8	EOC
Barium, mg/l	<0.05	11-27-91	100.0	EOC
Cadmium, mg/l	<0.005	11-27-91	99.2	EOC
Chromium, mg/l	0.07	11-27-91	99.1	EOC
Copper, mg/l	0.23	11-27-91	99.6	EOC
Lead, mg/l	0.16	11-27-91	99.1	EOC
Mercury, mg/l	<0.002	11-27-91	99.8	EOC
Nickel, mg/l	0.05	11-27-91	99.8	EOC
Selenium, mg/l	<0.01	11-27-91	99.3	EOC
Silver, mg/l	<0.01	11-27-91	98.7	EOC
Thallium, mg/l	<0.06	11-27-91	98.3	EOC
Zinc, mg/l	0.40	11-27-91	99.6	EOC

METHOD: EPA 7060/7080/7130/7190/7420/7471/7741/7760/7950/7210/
7520/7841

-P M4x S404L D BE .05

EFEH & ASSOCIATES

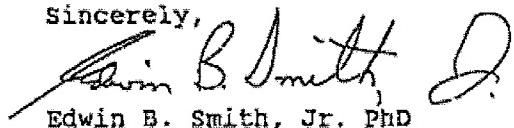
Page 4

	% Recovery	Analyst
TPH, mg/l	29.2	RW
Total Dissolved Solids, mg/l	240	RW
TOX, mg/l	2.0	DJ
pH	6.1	

METHODS: TPH - EPA 418.1
Total Dissolved Solids - EPA 2540-C
TOX - EPA 9020
pH - EPA 9040

Please contact me if you have any questions concerning these results.

Sincerely,



Edwin B. Smith, Jr. PhD

QUALITY CONTROL/QUALITY ASSURANCE DATA

METHOD: USEPA CLP, SEMI-VOLATILE SOIL.

DATAFILE: E4451 ANALYSIS TIME 11/26/91 10 56
STANDARD: CC50919 ANALYSIS TIME: 09/19/91 10 45

***** INTERNAL STANDARD AREA CHECK *****

INTERNAL STANDARD	DATA AREA	STD AREA	RATIO	CLP ACCEPT	RATIO	STATUS
C130 1,4-DICHLOROENZEN	19719	79548.	25%	25%	-	175%
C140 NAPHTHALENE D8	76181.	246420	31%	25%	-	175%
C150 ACENAPHTHENE D10	50880	112960	45%	25%	-	175%
C160 PHENANTHRENE D10	54740	125410	44%	25%	-	175%
C170 CHRYSENE D12	16871.	30063	44%	25%	-	175%
C175 PERYLENE D12	6660.	16799	40%	25%	-	175%

***** INTERNAL STANDARD RT CHECK *****

INTERNAL STANDARD	DATA SCAN	STD SCAN	DIFF [IN SEC]	CLP ACCEPT	DIFF	STATUS
C130 1,4-DICHLOROBENZEN	775	787	7	+/-	30 SECS	
C140 NAPHTHALENE D8	1039	1052	8	+/-	30 SECS	
C150 ACENAPHTHENE D8	1428	1442	8	+/-	30 SECS	
C160 PHENANTHRENE D10	1766	1779	8	+/-	30 SECS	
C170 CHRYSENE D12	2374	2381	4	+/-	30 SECS	
C175 PERYLENE D12	2723	2734	7	+/-	30 SECS	

***** SURROGATE RECOVERIES *****

SURROGATE	AMT FOUND	AMT ADDED	PERCENT RECOVERY	RECOV LIMITS	STATUS
CS20 NITROBENZENE D5	-0.0	125.0	0	0% - 140%	
CS25 2-FLUOROBIPHENYL	-0.0	125.0	0	0% - 140%	
CS30 TERPHENYL D14	-0.0	125.0	0	0% - 150%	
CS45 PHENOL D5	-0.0	125.0	0	0% - 140%	
CS50 2-FLUOROPHENOL	-0.0	125.0	0	0% - 140%	
CS55 2, 4, 6-TRIBROMOPHEN	-0.0	125.0	0	0% - 140%	

QUALITY CONTROL/QUALITY ASSURANCE DATA

METHOD VOLATILE WATER SAMPLE

DATAFILE: E4451 ANALYSIS TIME 11/26/91 10:50
STANDARD CC501102 ANALYSIS TIME 11/22/91 14:20

***** INTERNAL STANDARD AREA CHECK *****

INTERNAL STANDARD	DATA AREA	STD AREA	RATIO	CLP	ACCEPT	RATIO	STATUS
C110 1,4-DITLUOROBENZEN	88326	71730.	97%	35% - 175%			
C120 D5-CHLOROBENZENE	118040.	129766.	92%	35% - 170%			

***** INTERNAL STANDARD PT CHECK *****

INTERNAL STANDARD	DATA SCAN	STD SCAN	DTM SEC	CLP	ACCEPT	DIFF	STATUS
C110 1,4-DITLUOROBENZEN	504	504	0	+/- 200 SECS			
C120 D5-CHLOROBENZENE	770	777	2	+/- 200 SECS			

***** SURROGATE RECOVERIES *****

SURROGATE	AMT FOUND	AMT ADDED	PERCENT RECOVERY	RECOV LIMITS	STATUS
CS15 D4-1,2-DICHLOROBENZ	41.2	50.0	82%	50% - 130%	
CS10 P-BROMOFLUOROBENZENE	38.7	50.0	77%	50% - 130%	

FILE, EA4431

PAGE 1

**** SEMIVOLATILE SAMPLE ****

FM CODE	CC ID#	COMPOUND NAME	QUANT REPORT VALUE	REPORTED AMOUNT (UG/L)	DETECT LIMIT (UG/L)
CS20		NITROBENZENE D5	SU	0.0	BDL
CS25		2-FLUOROBIPHENYL	SU	0.0	BDL
CS30		TERPHENYL D14	SU	0.0	BDL
CS45		PHENOL D5	SU	0.0	BDL
CS50		2-FLUOROPHENOL	SU	0.0	BDL
CS55		2, 4, 6-TRIBROMOPHENOL	SU	0.0	BDL
C310		N-NITROSO-DIMETHYLAMINE		0.0	BDL
C320		ANILINE		0.0	BDL
C315		PHENOL		0.0	BDL
C325		BIS(2-CHLOROETHYL) ETHER		0.0	BDL
C330		2-CHLOROPHENOL		0.0	BDL
C335		1, 3-DICHLOROBENZENE		0.0	BDL
C340		1, 4-DICHLOROBENZENE		0.0	BDL
C345		BENZYL ALCOHOL		0.0	BDL
C350		1, 2-DICHLOROBENZENE		0.0	BDL
C355		2-METHYLPHENOL		0.0	BDL
C360		2, 2'-OXYBIS(1-CHLOROPROPANE)		0.0	BDL
C365		4-METHYLPHENOL		0.0	BDL
C370		N-NITROSO-DI-N-PROPYLAMINE		0.0	BDL
C375		HEXACHLOROETHANE		0.0	BDL
C410		NITROBENZENE		0.0	BDL
C415		ISOPHORONE		0.0	BDL
C420		2-NITROPHENOL		0.0	BDL
C425		2, 4-DIMETHYLPHENOL		0.0	BDL
C430		BENZOIC ACID		0.0	BDL
C435		BIS(2-CHLOROETHOXY)METHANE		0.0	BDL
C440		2, 4-DICHLOROPHENOL		0.0	BDL
C445		1, 2, 4-TRICHLOROBENZENE		0.0	BDL
C450		NAPHTHALENE		0.0	BDL
C455		4-CHLOROANILINE		0.0	BDL
C460		HEXACHLOROBUTADIENE		0.0	BDL
C465		4-CHLORO-3-METHYLPHENOL		0.0	BDL
C470		2-METHYLNAPHTHALENE		0.0	BDL
C510		HEXACHLOROCYCLOPENTADIENE		0.0	BDL
C515		2, 4, 6-TRICHLOROPHENOL		0.0	BDL
C520		2, 4, 5-TRICHLOROPHENOL		0.0	BDL
C525		2-CHLORONAPHTHALENE		0.0	BDL
C530		2-NITROANILINE		0.0	BDL
C535		DIMETHYL PHTHALATE		0.0	BDL
C540		ACENAPHTHYLENE		0.0	BDL
C543		2, 6-DINITROTOLUENE		0.0	BDL
C545		3-NITROANILINE		0.0	BDL
C550		ACENAPHTHENE		0.0	BDL
C555		2, 4-DINITROPHENOL		0.0	BDL
C560		4-NITROPHENOL		0.0	BDL
C565		BIBENZOFURAN		0.0	BDL

CORRECTED/REVIEWED BY

Kevin B. Smith
(CC/MS DATA REVIEWER)

FILE E4431

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**** SEMIVOLATILE SAMPLE ****

FM CC CODE ID#	COMPOUND NAME	QUANT REPORT VALUE	REPORTED AMOUNT (UG/L)	DETECT LIMIT (UG/L)
C570	2,4-DINITROTOLUENE	0.0	BDL	5
C580	DIETHYL PHTHALATE	0.0	BDL	5
C585	4-CHLOROPHENYL PHENYL ETHER	0.0	BDL	5
C590	FLUORENE	0.0	BDL	5
C595	4-NITROANILINE	0.1	BDL	25
C620	1,2-DIPHENYLHYDRAZINE	0.0	BDL	5
C610	4,6-DINITRO-2-METHYL PHENOL	0.0	BDL	25
0.0	BDL	3	0.0	BDL
			5	

CORRECTED/REVIEWED BY _____

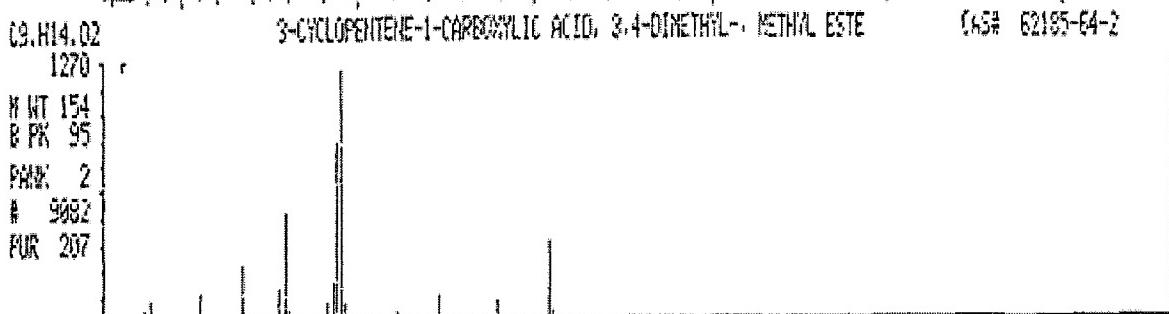
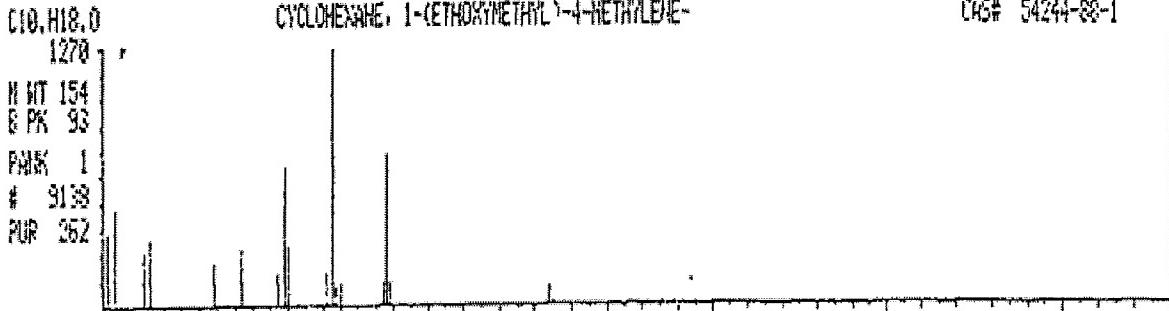
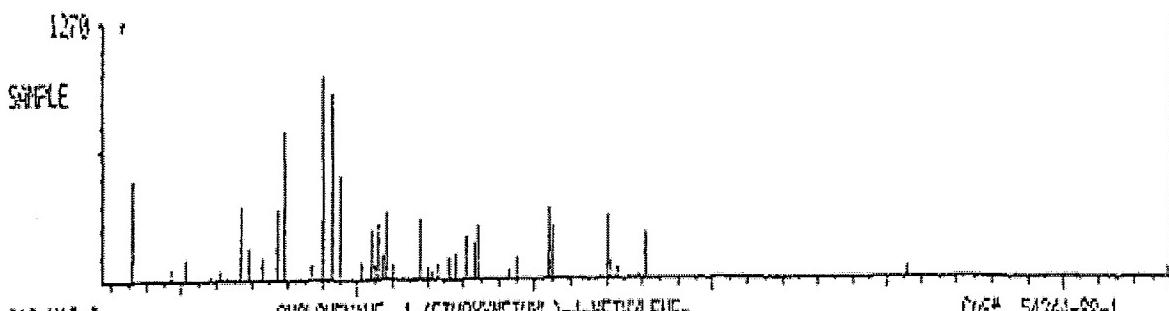
(GC/MS DATA REVIEWER)

DATE _____

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11/26/2010 10:56:00 + 17:31
SAMPLE: E4451
CONDENSER: RIA
ENHANCED (S 150 ZN 0T)

DATA: E4451 #1769
CALC: E4451 # 3
R1C1: 140E.

SEGMENT: 39



NID LIBRARY SEARCH (LIBRARYNB)

11-26-91 10:58:00 + 23:33

SAMPLE: E4451

CONDN.: BNK

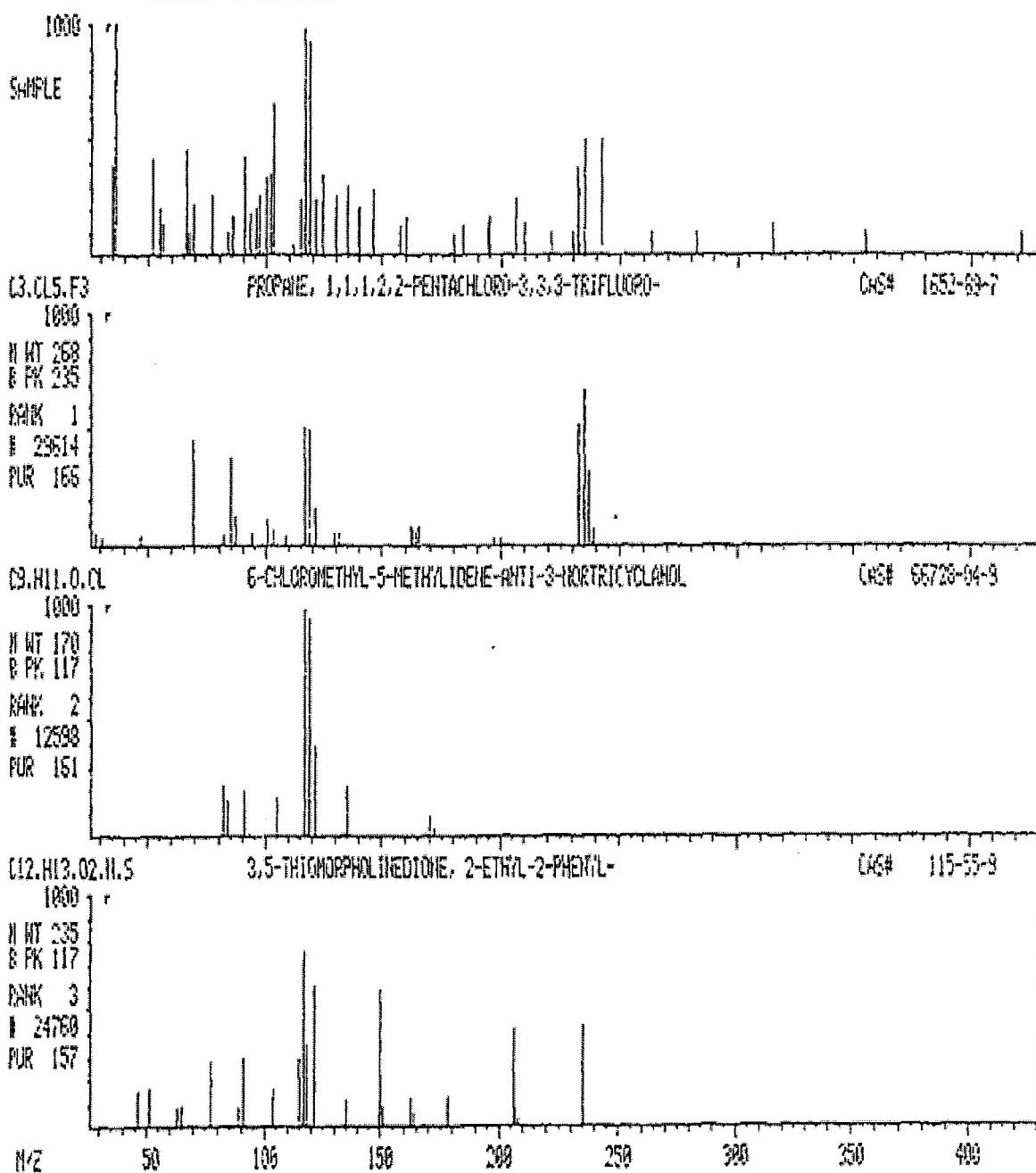
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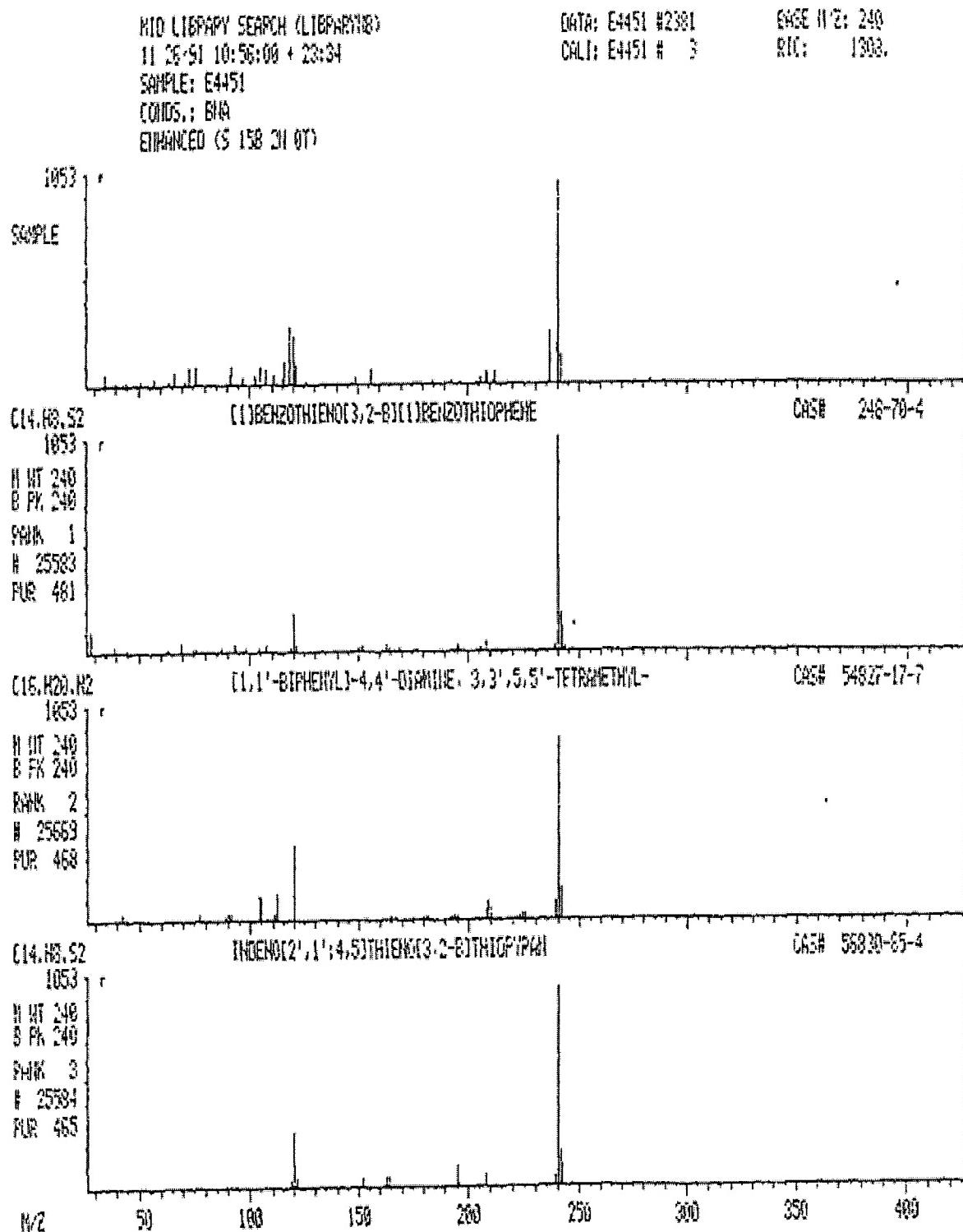
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CALI: E4451 # 3

EAGE: 11/21 35

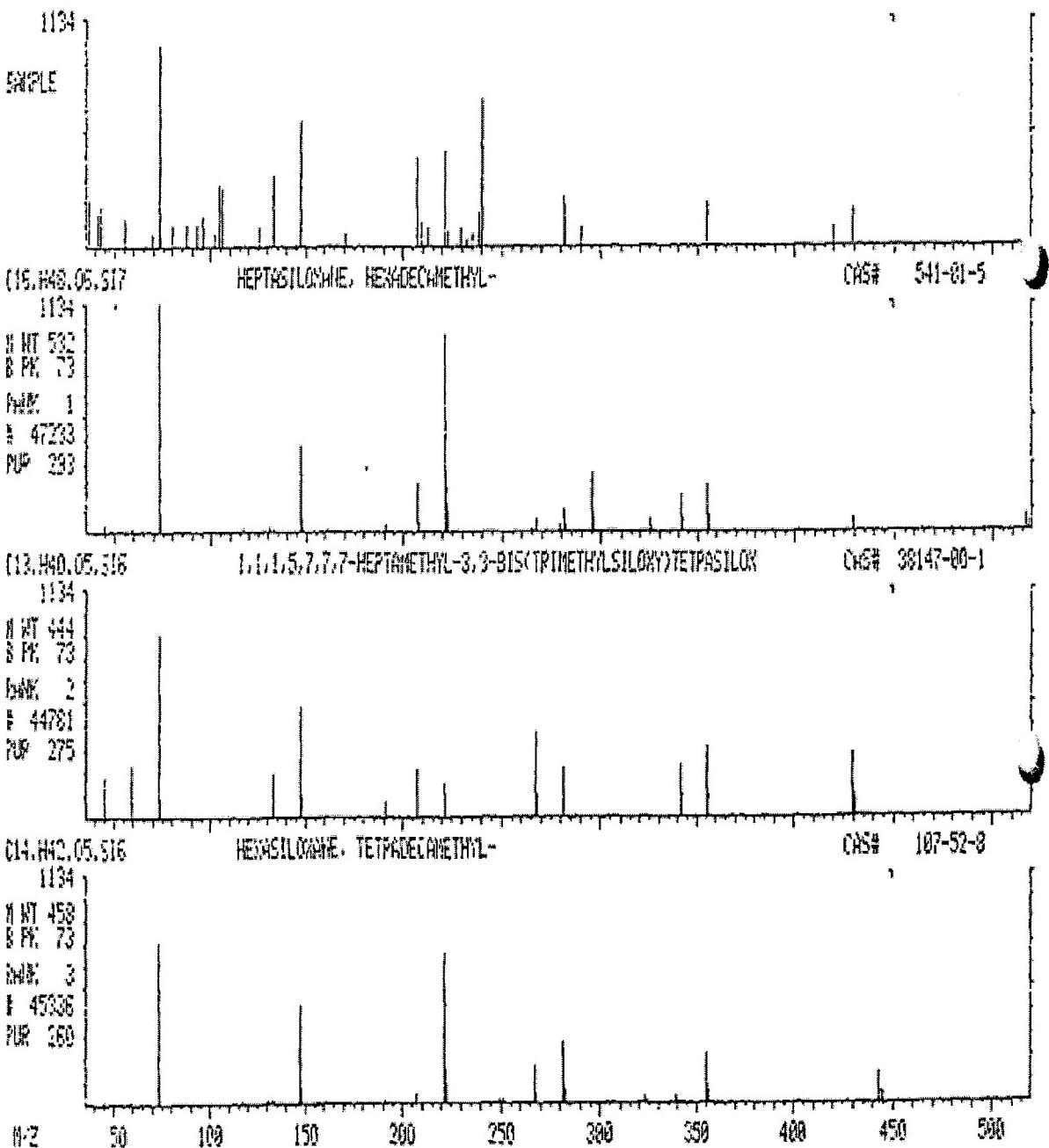
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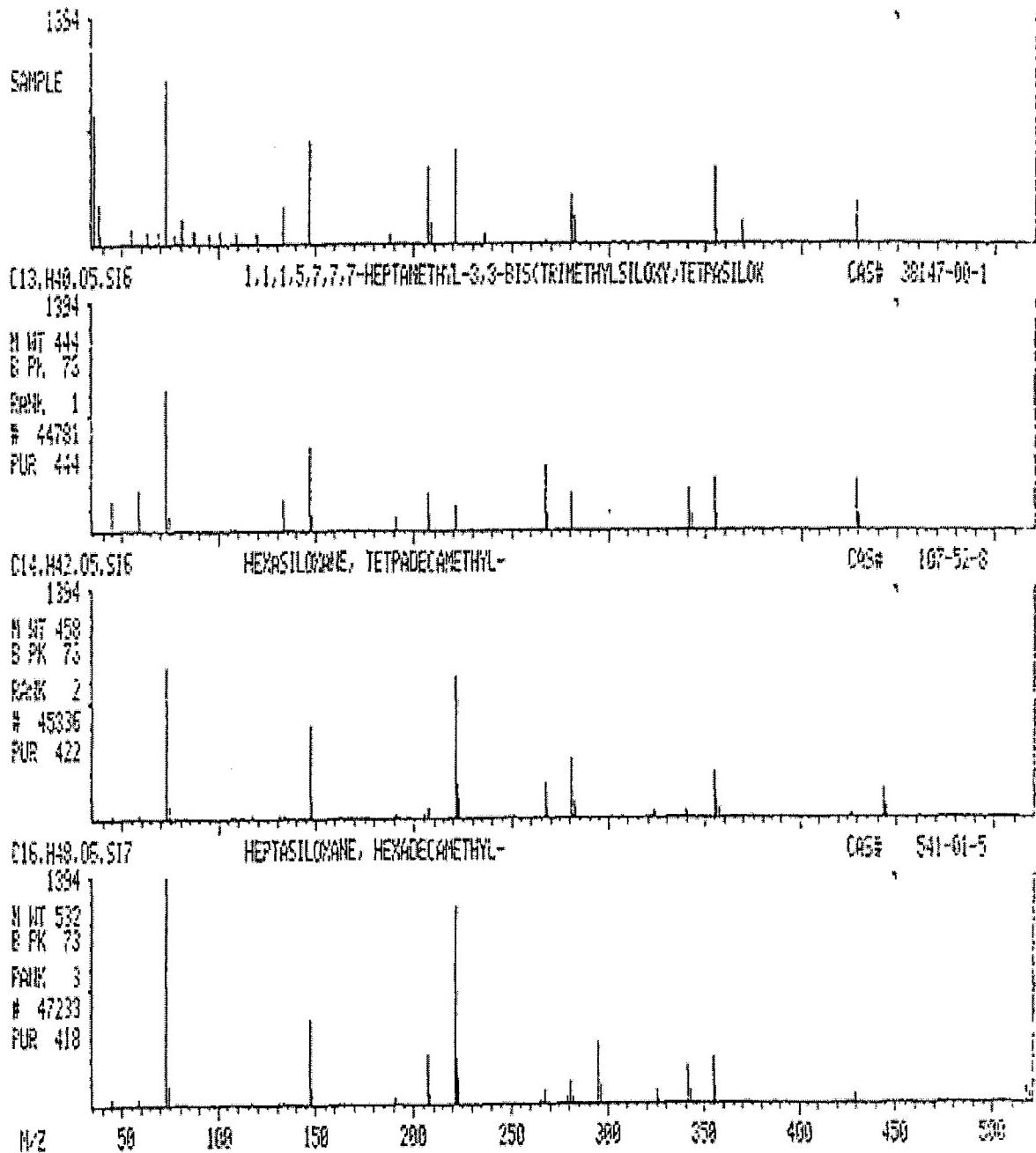
KID LIBRARY SEARCH (LIBRARYINC)
11/25/16 10:56:00 + 23:51
SAMPLE: E4451
COND.: EIR
ENHANCED (\$ 15B 2N OT)

DATA: E4451 #2406
CALIB: E4451 # 3
RIC: 597.



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11/26/31 10:56:08 + 24:46
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COMPS.: BPA
ENHANCED (S 150 21 8T)

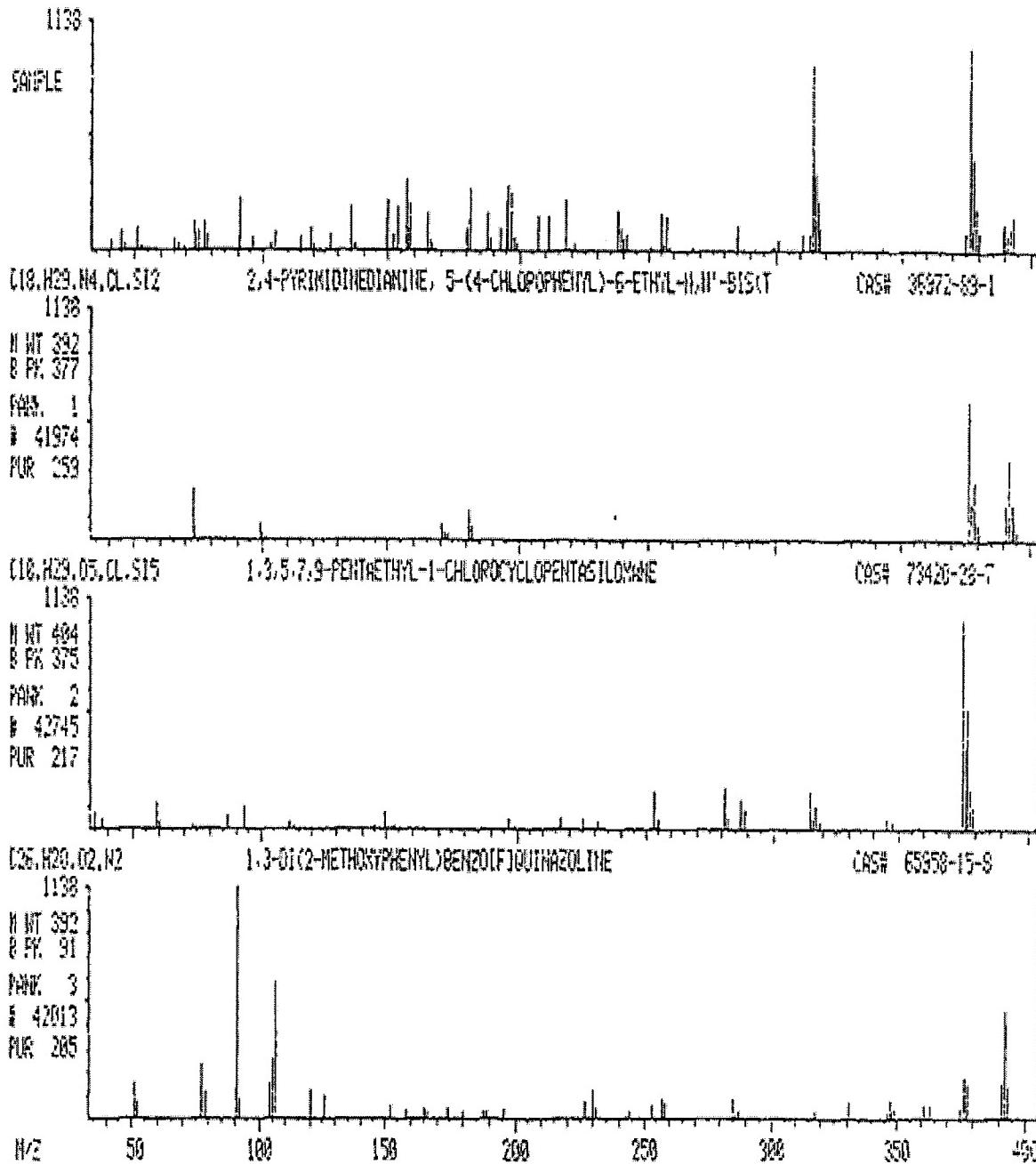
DATA: E4451 #2501
CALI: E4451 # 3
BASE 11/21: 73
PIC: 540.



MIC LIBRARY SEARCH (LIBRARY16)
11-26-91 10:56:00 + 25:00
SAMPLE: E4451
COMPS.: ENH
· ENHANCED (% 158 CH 0T)

DHT#: E4451 F:525
CALIB: E4451 # 3

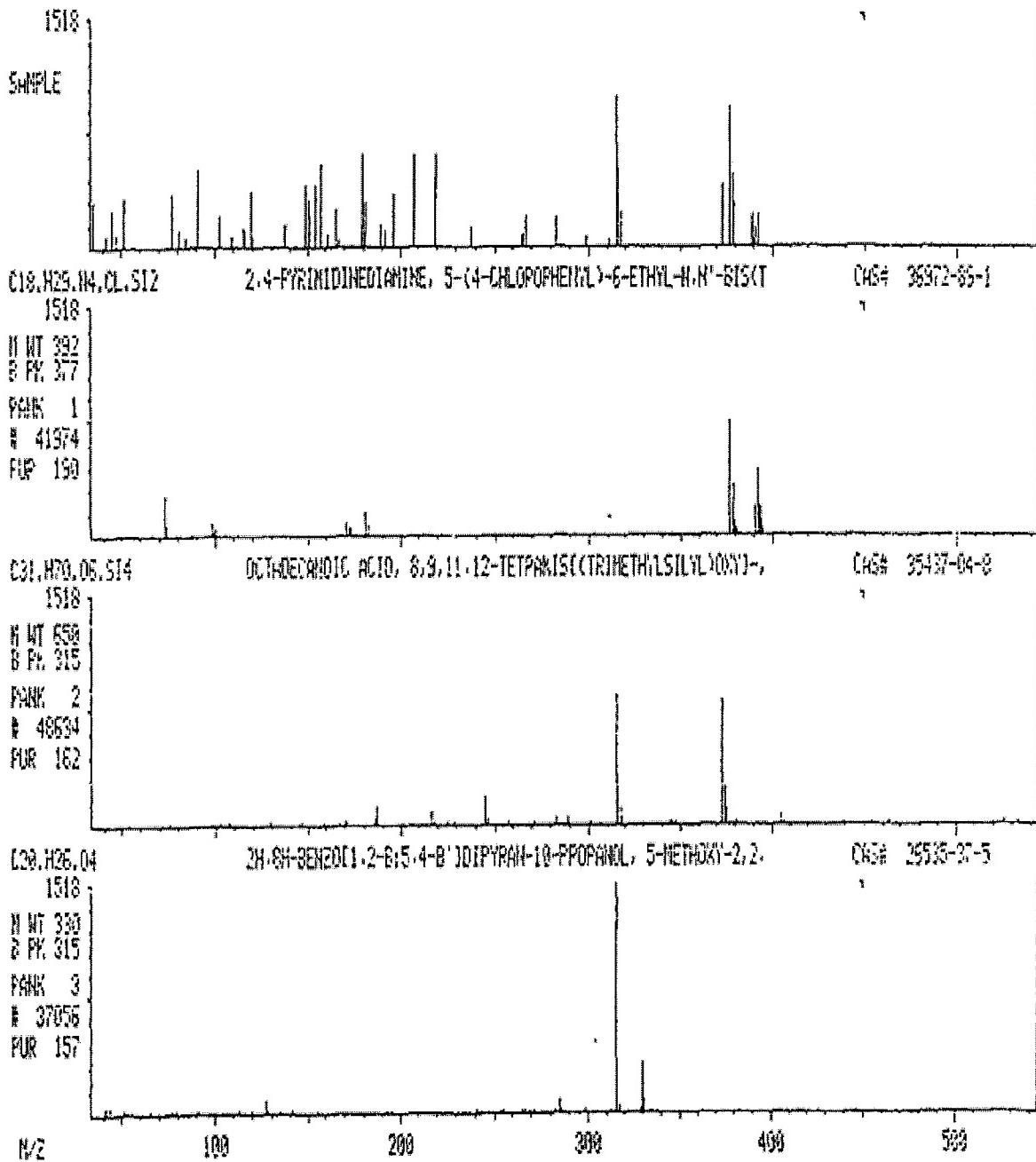
BASE P-2: 377
PK#: 295.



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11/08/21 10:56:00 + 25:04
SAMPLE: E4451
COMPS.: BIA
ENHANCED (S 150 31 0T)

DATA: E4451 #2531
CHLR: E4451 # 3

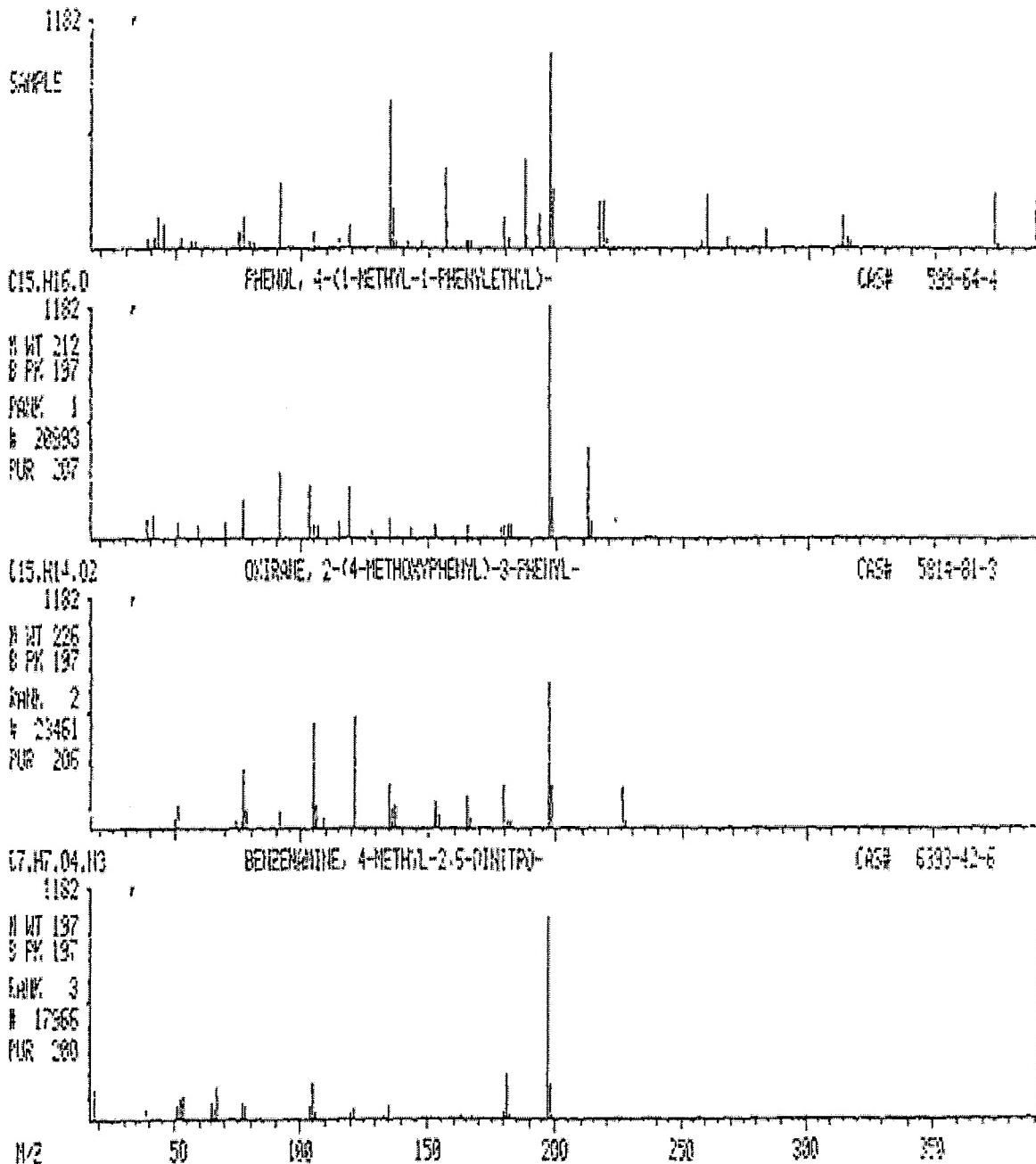
BASE (1 2): 315
PIC: 1682.



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11/26/91 10:56:00 + 25:42
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COND.: B/W
ENHANCED (S 158 Z1 AT)

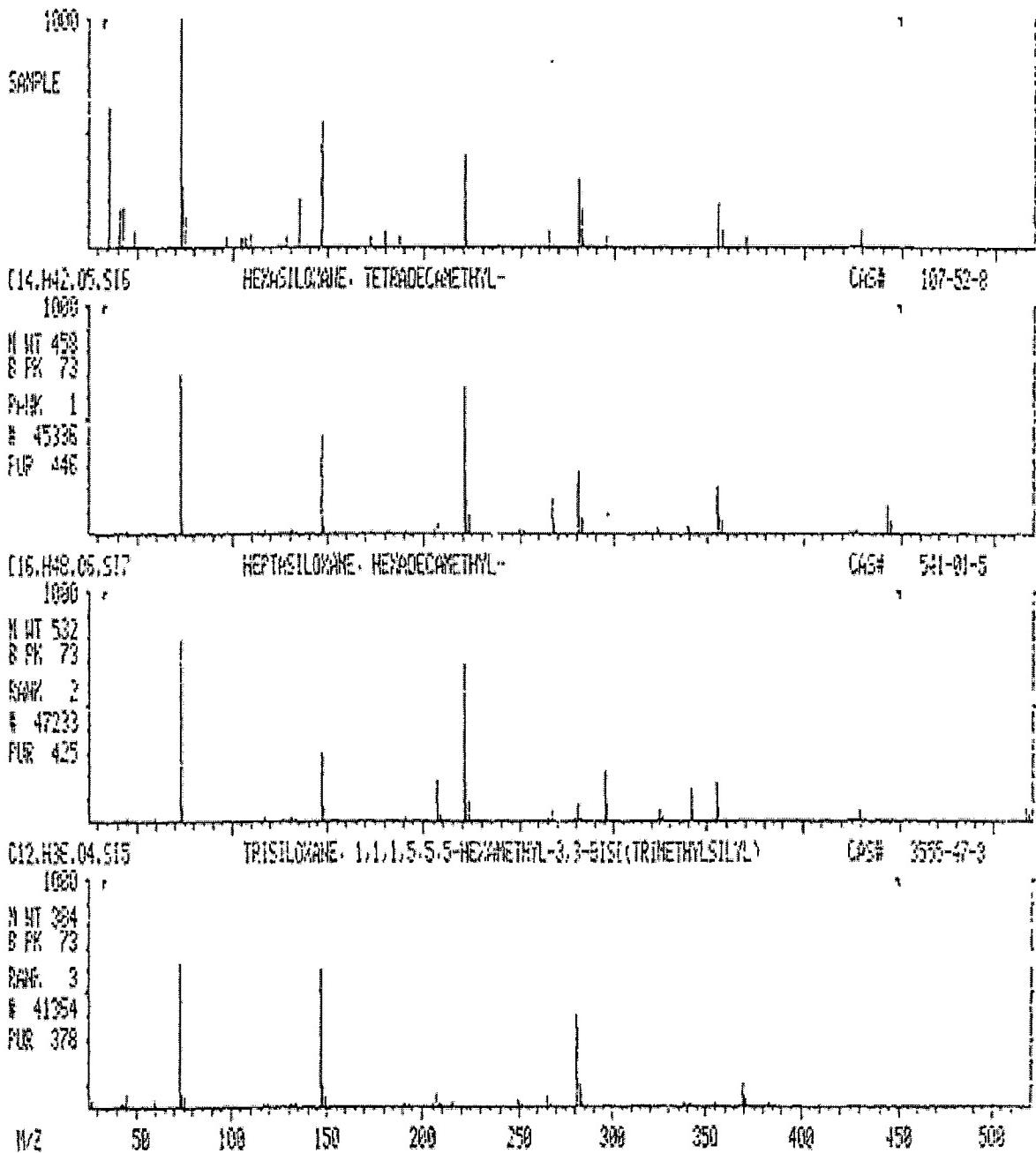
DATA: E4451 N2595
CALL: E4451 H 3
PAGE: 1222

BASE M/Z: 197



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11/26/91 10:56:00 + 15:45
SAMPLE: E4451
COND.: 604
ENHANCED (S ISP DII G7)

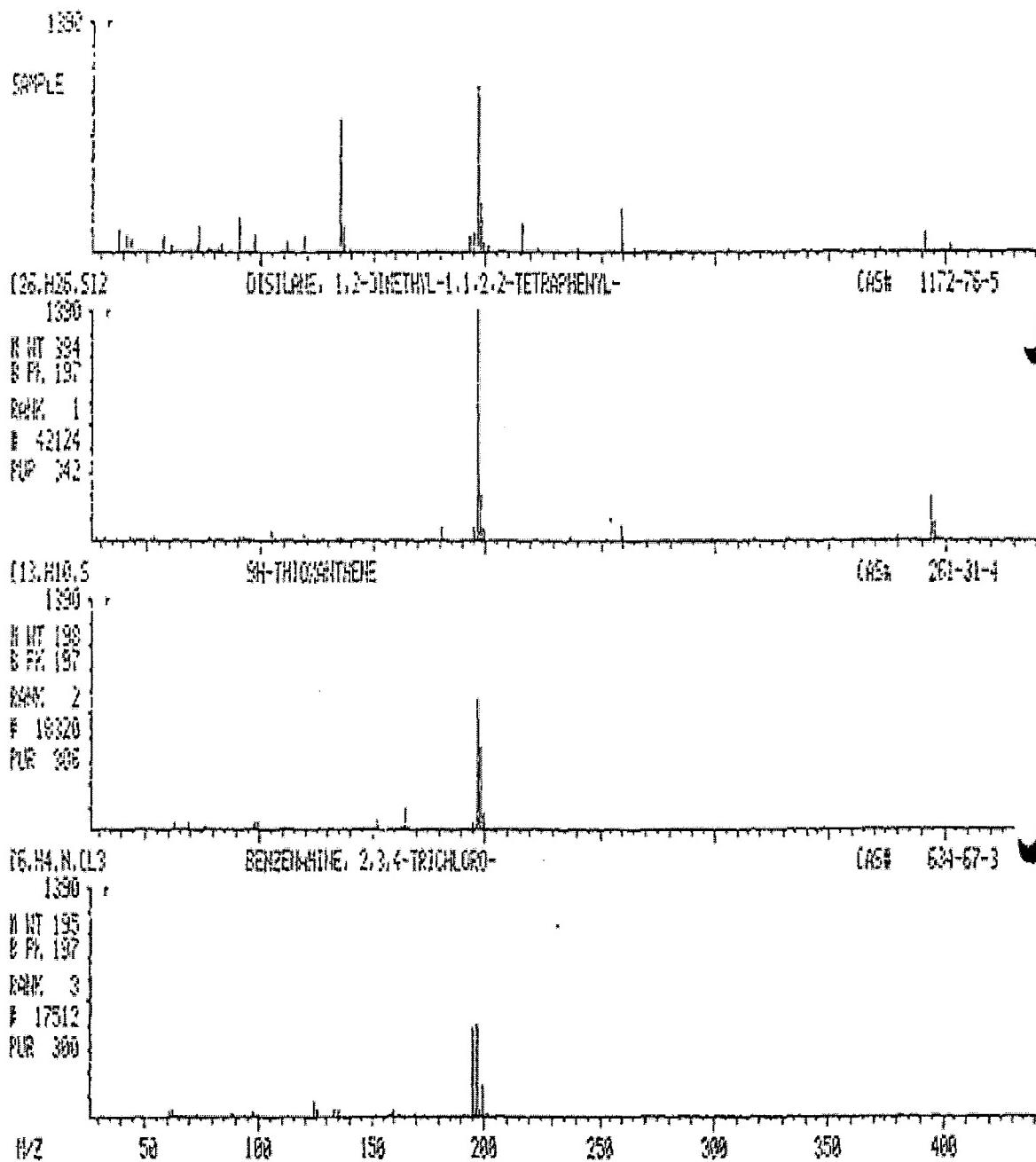
DATA: E4451 #2801
CALI: E4451 B 3
BASE M/Z: 73
PIC: 554.



KOD LIBRARY SEARCH (LIBR:PMW)
11-26-91 10:58:00 + 26:06
SAMPLE: E4451
CONC.: 100
ENHANCED (S 100, DR 60)

DATA: E4451 #2887
CALI: E4451 # 3
PCL: 1070.

BASE: 112: 187



PROCEDURE: FILTER/TIC

DIAGNOSTIC REPORT

0/00/00 0 00.00

DATA FILE: E4451

FILTER SCAN PARAMETERS

MAX NUMBER TICS: 10
11-TABLE ENTRIES: 891
SCAN TOLERANCE : ?
MIN. RIC HT. (%) : 10
FIRST SCAN : 300
LAST SCAN : 3600
TIC THRESHOLD : 700

METHOD LIBRARY & LISTS

TIC I.S. LIBRARY: LIBRARYB1
NBS SEARCH PROC: SERLIB
PEAK FINDER PROC: BNME
TCA I.S. LL: BNIS
FILE NAME LIST: TCAREF2

TARGET COMPOUND ANALYSIS:

TARGETS (QUAN LIST)	IS PEAKS	TOTAL TARGET PEAKS
1	6	7

FILTER PROCESSING:

REJECT PEAKS								
TOTAL PEAKS	< 1ST SCAN	> LAST SCAN	< MIN RIC HT	< SCAN TOL	> MAX # PEAKS	TOTAL REJECTS	TOTAL TICS	
59	7	0	34	7	1	49	10	

TIC PROCESSING:

NO	SCAN#	PURITY	FIT	MW	COMPOUND NAME (BEFORE TIC THRESHOLD)
1	1767	262	640	154	CYCLONEXANE, 1-(ETHOXYMETHYL)-
2	2370	166	577	260	PROPANE, 1,1,1,2,2-PENTACHLORO-
3	2501	401	780	240	[1]BENZOTHIENO[3,2-B][1]BENZOT
4	2409	293	524	532	HEPTASILOXANE, HEXADECAMETHYL-
5	2501	444	612	444	1, 1, 1, 5, 7, 7-HEPTAMETHYL-3, 3-
6	2525	259	780	392	2, 4-PYRIMIDINEDIAMINE, 5-(4-CH
7	2531	170	685	392	2, 4-PYRIMIDINEDIAMINE, 5-(4-CH
8	2593	207	582	212	PHENOL, 4-(1-METHYL-1-PHENYLET
9	2601	446	627	458	HEXASILOXANE, TETRADECAMETHYL-
10	2687	342	505	394	DISILANE, 1,2-DIMETHYL-1,1,2,2

TENTATIVELY IDENTIFIED COMPOUNDS QUANTITATION REPORT AMOUNTS BASED ON AREA

Quantitation Report File: E4451

Data: E4451.TI
11/26/91 10.56:00

Sample: E4451
Conds.: 3NA

Formula: Instrument: FINN Weight, 0.000
Submitted by: Analyst: LK Acct No.

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	CAS #	Name	Instrument	Weight	Acct No.
1	0-00-0	C130 1,4-DICHLORDBENZENE D4	INTERNAL STAND		
2	0-00-0	C140 NAPHTHALENE D8	INTERNAL STAND		
3	0-00-0	C150 ACENAPHTHENE D8	INTERNAL STAND		
4	0-00-0	C160 PHENANTHRENE D10	INTERNAL STAND		
5	0-00-0	C170 CHRYSENE D12	INTERNAL STAND		
6	0-00-0	C175 PERYLENE D12	INTERNAL STAND		
7	0-00-0	UNKNOWN	INTERNAL STAND		
8	0-00-0	UNKNOWN	INTERNAL STAND		
9	0-00-0	UNKNOWN	INTERNAL STAND		
10	0-00-0	UNKNOWN	INTERNAL STAND		
11	0-00-0	UNKNOWN	INTERNAL STAND		
12	0-00-0	UNKNOWN	INTERNAL STAND		
13	0-00-0	UNKNOWN	INTERNAL STAND		

No	m/z	Scan	Time	Ref	RRT	Math	Area(Hght)	Amount	%Tot
1	TOT	775	7.40	1	1.000	A BB	101395	40.000 NG	14.29
2	TOT	1039	10.17	2	1.000	A BB	118813.	40.000 NC	14.29
3	TOT	1428	14.08	3	1.000	A BB	191306	40.000 NG	14.29
4	TOT	1766	17.27	4	1.000	A BB	130711	40.000 NC	14.29
5	TOT	2374	23.30	5	1.000	A BB	35519.	40.000 NC	14.29
6	TOT	2725	26.57	6	1.000	A BB	18468	40.000 NG	14.29
7	TOT	1766	17.29	4	1.000	A BB	34099.	10.435	3.73
8	TOT	2408	23.51	5	1.014	A BB	1361.	1.533	0.55
9	TOT	2502	24.46	5	1.054	A BB	1220.	1.374	0.49
10	TOT	2525	25.00	5	1.064	A BB	5806.	6.629	2.37
11	TOT	2593	25.42	6	0.952	A BB	3279	7.102	2.54
12	TOT	2600	25.45	6	0.954	A BB	1695.	3.671	1.31
13	TOT	2688	26.37	6	0.986	A BB	4241.	9.166	3.28

TENTATIVELY IDENTIFIED COMPOUNDS QUANTITATION REPORT: AMOUNTS BASED ON HEIGHT

Quantitation Report File: E4451

Data: E4451.TI
11/26/91 10 56 00
Sample: E4451
Conds.: BNA
Formula:
Submitted by:

Instrument: FINN

Weight: 0.000

Analyst: LK

Acct. No.:

AMOUNT=HEIGHT * REF AMNT/(REF HEIGHT * RESP FACT)
Resp. fac. from Library Entry

No	CAS #	Name			
1	0-00-0	C130 1,4-DICHLOROBENZENE D14		INTERNAL	STAND
2	0-00-0	C140 NAPHTHALENE D0		INTERNAL	STAND
3	0-00-0	C150 ACENAPHTHENE D0		INTERNAL	STAND
4	0-00-0	C160 PHENANTHRENE D10		INTERNAL	STAND
5	0-00-0	C170 CHRYSENE D12		INTERNAL	STAND
6	0-00-0	C175 PERYLENE D12		INTERNAL	STAND
7	0-00-0	UNKNOWN			
8	0-00-0	UNKNOWN			
9	0-00-0	UNKNOWN			
10	0-00-0	UNKNOWN			
11	0-00-0	UNKNOWN			
12	0-00-0	UNKNOWN			
13	0-00-0	UNKNOWN			

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hight)	Amount	ZTot
1	TOT	775	7:40	1	1.000	A BB	23160 *	40.000 NC	12.06
2	TOT	1039	10.17	2	1.000	A BB	25344 *	40.000 NC	12.06
3	TOT	1428	14:08	3	1.000	A BB	43392. *	40.000 NC	12.06
4	TOT	1766	17:24	4	1.000	A BB	17483 *	40.000 NC	12.06
5	TOT	2374	23.30	5	1.000	A BB	2760. *	40.000 NC	12.06
6	TOT	2725	26.59	6	1.000	A BB	1150 *	40.000 NC	12.06
7	TOT	1766	17:29	4	1.000	A BB	4871 *	10.000	3.02
8	TOT	2408	23.51	5	1.014	A BB	304 *	4.401	1.33
9	TOT	2502	24.46	5	1.054	A BB	362. *	5.250	1.58
10	TOT	2525	25.00	5	1.064	A BB	880. *	12.750	3.84
11	TOT	2595	25.42	6	0.952	A BB	556 *	19.339	5.83
12	TOT	2600	25.45	6	0.954	A BB	378 *	13.162	3.97
13	TOT	2688	26.37	6	0.986	A BB	769 *	26.759	8.07



HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Environmental Consultants
P.O. Box 31203
Lafayette, LA 70503-1203
Phone (318) 261-1963 FAX (318) 233-0361

Object Name: Lily of LeCroyette
Object #: 1051.03
Object Location: LeCroyette, LA

SAMPLE CHAIN OF CUSTODY RECORD

Laboratory:	<u>EFGH, Inc.</u>
	<u>ATT Kim</u>
Sample Collected By:	<u>Kathy SIS</u>
Company:	<u>HEI</u>
Date:	<u>11/15/91</u>



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31203
ZIP 70593-1203
PHONE 318 984-2374

Certificate of Analysis No. X1127309

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SBI 5'-6'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:35 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8030 [SW816]				
Total Petroleum Hydrocarbons Method-Mod.410.1 [EPA Wtr&Wst]	19	mg/kg	6.7	mg/kg

HTPX ANALYZED BY : M. STEWEART DATE/TIME: 11-30-91, 06:19 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 31150
7E JONES LANE
PHONE 337 984-2374

Certificate of Analysis No. X1127309

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB1 (5 - 6 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 01:35 PM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
ISENIC	7060	8.4	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
NIUM	3050/7030	175	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
NDIUM	3050/7130	1.7	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
IRONIUM	3050/7190	10	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	513	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	1.859	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	0.2	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
IVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127309

LAFAYETTE
PO BOX 31203
2B 30393-1203
PHONE 318 944-3374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SBL 5'-6'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:35 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorodifluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-27-91, 09:18 PM

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
ZIP 70593-1780
PHONE 318 584 2374

Certificate of Analysis No. X1127310

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SO2 0'-1'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:50 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS			PQL*
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				

Total Petroleum Hydrocarbons 120 mg/kg 6.7 mg/kg
Method-Mod.416.1 [EPA Wtr&Wst]

BTX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 06:44 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 21780
BP 70593-1780
PHONE 318 982 2374

Certificate of Analysis No. X1127310

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB2 (0 - 1 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 01:50 PM

TOTAL METALS

Parameter	Method	Results	Detect Limit	Analyst	Date/Time Analyzed
ARSENIC	7060	19.5	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
ARSENIC	3050/7080	194	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ARSENIC	3050/7130	1.5	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
CHROMIUM	3050/7190	11	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
LEAD	3050/7420	461	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
MERCURY	7471	0.064	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
SELENIUM	7740	1.0	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
WILVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127310

LAFAYETTE
P.O. BOX J1788
ZIP 70593-1788
PHONE 318 864-2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1051.03	
Project:	CITY OF LAFAYETTE	
Site:	LAFAYETTE, LA	
Sample No:	SB2 0'-1'	
Sample of:	SOIL	
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.	
Sample Date:	11-26-91, 01:50 PM	Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropene	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethene	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 08:32 AM
METHOD-5030/8010 [SW 846] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31760
ZIP 70593-1760
PHONE 318 984 2374

Certificate of Analysis No. X1127318

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB2 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 01:55 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA Wtr&Wst]	ND	mg/kg	6.7	mg/kg

IPTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 11:18 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX J1760
ZEP 70593-1760
PHONE 318 964 2374

Certificate of Analysis No. X1127318

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB2 (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:55 PM

TOTAL METALS

Parameter	Method	Results	Det Inst Analyst	Date/Time Analyzed
ARSENIC	7060	7.1 mg/kg	K. CRIZZAFFI	12-04-91, 02:00 PM
ARIUM	3050/7080	135 mg/kg	M. BERGERON	12-10-91, 06:30 AM
ADMUM	3050/7130	1.4 mg/kg	M. BERGERON	12-09-91, 11:00 AM
HROMIUM	3050/7190	10 mg/kg	M. BERGERON	12-09-91, 09:00 AM
LEAD	3050/7420	14 mg/kg	M. BERGERON	12-05-91, 09:30 AM
ERCURY	7471	0.044 mg/kg	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	0.6 mg/kg	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	3 mg/kg	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127318

LAFAYETTE
P O BOX 31780
701 70593 1780
PHONE 318 984 2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1051.03	
Project:	CITY OF LAFAYETTE	
Site:	LAFAYETTE, LA	
Sample No:	SD2 1.5'-2.5'	
Sample of:	SOIL	
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.	
Sample Date:	11-26-91, 01:55 PM	Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-28-91, 07:19 AM

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31740
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PHONE 318 984 2374

Certificate of Analysis No. X1127311

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB3 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:05 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA Wtr&Wst]	18	mg/kg	6.7	mg/kg

ANALYST ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 08:24 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated


C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31740
2810 S. 95TH ST.
PHONE 318 964-2374

Certificate of Analysis No. X1127311

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB3 (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 02:05 PM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
ARSENIC	7060	3.8	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
MARIUM	3050/7080	137	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ADMIUM	3050/7120	1.7	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
HROMIUM	3050/7190	11	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
LEAD	3050/7420	37	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
ERCURY	7471	0.172	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
ILLVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127311

LAFAYETTE
PO BOX 31780
LP 70593-1203
PHONE: 318-934-2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB3 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:05 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Dromoform	ND	0.20 ug/kg
1,1,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-27-91, 11:31 PM

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

ClerkConnect



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31203
LA 70593-1203
PHONE 318 964-2372

Certificate of Analysis No. X1127317

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: PI 6.5'-7.5'
Sample ID: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 03:20 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA W1r&Wst]	ND	mg/kg	6.7	mg/kg

INTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 10:53 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
214 76593-1280
PHONE 318 984 3374

Certificate of Analysis No. X1127317

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: P1 (6.5 - 7.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:20 PM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
ARSENIC	7060	ND	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
ARIUM	3050/7020	181	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ADMIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
HROMIUM	3050/7190	9	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
BAR	3050/7420	10	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
ERCURY	7471	0.058	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127317

LAFAYETTE
PO BOX 31750
ZIP 70593-1750
PHONE 318-954-2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1051.03	
Project:	CITY OF LAFAYETTE	
Site:	LAFAYETTE, LA	
Sample No:	P1 6.5'-7.5'	
Sample of:	SOIL	
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.	
Sample Date:	11-26-91, 03:20 PM	Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorodifluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORLETT DATE/TIMF: 11-26-91, 06:12 AM
METHOD-5030/5010 [SW 346] - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
29 JUNIPER-1280
PHONE: 318 984 2374

Certificate of Analysis No. X1127312

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1051.03
Project:	CITY OF LAFAYETTE
Site:	LAFAYETTE, LA
Sample No:	SB4 1.5'-2.5'
Sample of:	SOIL
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date:	11-26-91, 02:20 PM
Date Received:	11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS			PQL*
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.41B.1 [EPA Wtr&Wst]	18	mg/kg	6.7	mg/kg

TPH ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 08:49 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 31780
ZIP 70503-1780
PHONE 318 984 3374

Certificate of Analysis No. X1127312

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-16-91

Location/Fielid: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB4 (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 02:20 PM

TOTAL METALS

parameter	Method	Results	Detect Limit	Analyst	Date/Time Analyzed
SENIUM	7060	4.9	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7080	84	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
DMIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	10	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	15	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	0.046	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7760	0.7	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
LIVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

D = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated


U. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127312

LAFAYETTE
P.O. BOX 31780
ZP 70593-1780
PHONE 318 984-2274

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1051.03	
Project:	CITY OF LAFAYETTE	
Site:	LAFAYETTE, LA	
Sample No:	SD4 1.5'-2.5'	
Sample type:	SOIL	
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.	
Sample Date:	11-26-91, 02:20 PM	Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichloroethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-28-91, 12:37 AM

METHOD-5030/8910 (NW 846) - Purgeable Halocarbons

Note: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.



LAFAYETTE
PO BOX 31780
ZIP 70593-1280
PHONE 318 864-2374

Certificate of Analysis No. X1127313

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SDS 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 02:30 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA Wtr&Wst]	45	mg/kg	6.7	mg/kg

BTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 09:14 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Note: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX J1780
ZIP 70503-1780
PHONE 318 454-2374

Certificate of Analysis No. X1127313

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SDS (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 02:30 PM

TOTAL METALS

Parameter	Method	Results	Detect Limit	Analyst	Date/Time Analyzed
IRONIC	7060	6.3	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
MARIUM	3050/7080	293	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
OMINIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
IRONIUM	3050/7190	9	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
ODIUM	3050/7420	15	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
URCURY	7471	0.052	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
ELVER	7760	3	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127313

LAFAYETTE
P.O. BOX 31780
ZIP 70593-1780
PHONE 318-664-2374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1051.03	
Project:	CITY OF LAFAYETTE	
Site:	LAFAYETTE, LA	
Sample No:	SDS 1.5'-2.5'	
Sample of:	SOIL	
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.	
Sample Date:	11-26-91, 02:30 PM	Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorodifluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.12 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethylene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYST: D. CORMIER DATE/TIME: 11-28-91, 01:44 AM

METHOD: 5030/2010 [SU 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31203
LA 70593-31203
PHONE 318-964-2374

Certificate of Analysis No. X1127314

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB6 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 03:00 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.416.1 [EPA WtrGwst]	ND	mg/kg	6.7	mg/kg

SPEC ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 09:38 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected, NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 31760
ZIP 70503-1230
PHONE 318 984 2374

Certificate of Analysis No. X1127314

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Job Id: CITY OF LAFAYETTE - PROJECT 1051.03
Sample id: SOIL
Sample point: SB6 (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:00 PM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
ARSENIC	7060	16.6	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
MERCU	3050/7080	211	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
LENIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
BROMIUM	3050/7120	10	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
SEAD	3050/7420	37	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
ERCURY	7471	0.040	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ELIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
ILVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127314

LAFAYETTE
P.O. BOX 31203
70593-1203
PHONE 318 982 2373

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB6 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 03:00 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 08:35 AM

METHOD: 5030/8010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA

guidelines for analysis and quality control.

SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 11780
ZIP 70593-1180
PHONE 318 984 3374

Certificate of Analysis No. X1127315

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SN7 1.5'-2.5'
Sample of: SOIL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 04:10 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA Wtr&Wst]	ND	mg/kg	6.7	mg/kg

TEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 10:03 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 31282
ZIP 70893-1282
FAX 318-484-2374

Certificate of Analysis No. X1127315

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SW7 (1.5 - 2.5 FT.)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:10 PM

TOTAL METALS

Parameter	Method	Results	Det Limit	Analyst	Date/Time Analyzed
SENIIC	7060	2.6	mg/kg 0.1	K. CRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7030	109	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
DMIUM	3050/7130	1.6	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	9	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	2050/7420	16	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURRY	7471	0.042	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
LIVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

D = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

OTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127315

LAFAYETTE
P.O. BOX 31203
ZIP 70593-1203
PHONE 318-984-3374

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No:	1081.03	
Project:	CITY OF LAFAYETTE	
Site:	LAFAYETTE, LA	
Sample No:	SB7 1.5'-2.5'	
Sample off:	SOIL	
Sampled by:	HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.	
Sample Date:	11-26-91, 04:10 PM	Date Received: 11-26-91

PARAMETER	RESULTS	MDL,*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 11-28-91, 04:58 AM

METHOD-5030/2010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P O BOX 31780
ZIP 70503-1203
PHONE 318 984 2374

Certificate of Analysis No. X1127316

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70503-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB8 1.5'-2.5'
Sample of: SOTL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 04:55 PM
Date Received: 11-26-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA Wtr&Wst]	790	mg/kg	6.7	mg/kg

BTEX ANALYZED BY : M. STEWART DATE/TIME: 11-30-91, 10:28 PM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX J1780
ZB Newell 1780
PHONE 318 964 2374

Certificate of Analysis No. X1127316

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE - PROJECT 1051.03
Sample of: SOIL
Sample point: SB8 (1.5 - 2.5 FT.)
Compiled by: HYDRO ENVIRONMENTAL
Sample Date: 11-26-91, 03:55 PM

TOTAL METALS

Element	Method	Results	Det. Lab Analyst	Date/Time Analyzed
ISENIC	7060	1.3 mg/kg	K. CRIZZAFFI	12-04-91, 02:00 PM
MRIUM	3050/7060	106 mg/kg	M. BERGERON	12-10-91, 06:30 AM
DMIUM	3050/7130	1.6 mg/kg	M. BERGERON	12-09-91, 11:00 AM
IRONIUM	3050/7100	6 mg/kg	M. BERGERON	12-09-91, 09:00 AM
YAD	3050/7420	241 mg/kg	M. BERGERON	12-05-91, 09:30 AM
ERCURY	7471	0.04 mg/kg	M. BERGERON	12-11-91, 09:00 AM
ILENIUM	7740	ND mg/kg	C. CALAIS	12-05-91, 07:00 AM
LVIR	7760	4 mg/kg	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ID = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.
Certificate of Analysis No. X1127316

LAFAYETTE
P.O. BOX 31203
201 70593-1203
PHONE 318 664 3372

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
P. O. BOX 31203
LAFAYETTE, LA 70593-1203

12-04-91

Project No: 1051.03
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SUB 1.5'-2.5'
Sample of: SOTL
Sampled by: HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Sample Date: 11-26-91, 04:55 PM Date Received: 11-26-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.09 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Trichloroethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethene	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	20	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORNING DATE/TIME: 12-03-91, 08:40 AM

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31760
ZIP 70503-1760
PHONE 314 984-2374

** SPL QUALITY CONTROL REPORT **
BTEX MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

SPL Sample ID: X1126220 Reported on: 12-04-91
Matrix: SOIL Analyzed on: 11-30-91
Analyst: M. STEWART

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

----- SPIKE ANALYSIS -----

Compound	Blank Value ug/kg	Spike Added ug/kg	Original Sample Concentration ug/kg	MS Concentration ug/kg	MS % Rec #	QC Limits Range
BENZENE	ND	50	ND	50	100	39-150
TOLUENE	ND	50	ND	48	96	46-148
ETHYLBENZENE	ND	50	ND	45	90	32-160
m,p-XYLENE	ND	100	ND	90	90	32-160
o-XYLENE	ND	50	ND	46	92	32-160

----- SPIKE DUPLICATE ANALYSIS -----

Compound	Spike Added ug/kg	MSD Concentration ug/kg	MSD % Rec #	% RPD #	QC LIMITS RPD Rec. Limit Range
BENZENE	50	47	94	6	20 39-150
TOLUENE	50	44	88	9	20 46-148
ETHYLBENZENE	50	39	78	14	20 32-160
m,p-XYLENE	100	79	79	13	20 32-160
o-XYLENE	50	42	84	9	20 32-160

SPL Incorporated

John Durand

John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31760
201 JEWELL ST.
PHONE: 318 664-2373

** SPL QUALITY CONTROL REPORT **

Matrix: SOIL

Reported on: 12-04-91
Analyzed on: 11-30-91
Analyst: R. BOGER

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

TOTAL PETROLEUM HYDROCARBONS [TPH]
Method-Modified 418.1 [45501]

---- SPIKE ANALYSIS ----

SPL Sample ID	Blank Value mg/kg	Spike Added mg/kg	Original Sample Concentration mg/kg	MS Concentration mg/kg	MS % Rec #
X1127284	ND	300.0	17.0	314.0	99

---- SPIKE DUPLICATE ANALYSIS ----

SPL Sample ID	Spike Added mg/kg	MSD Concentration mg/kg	MSD % Rec #	% RPD
X1127284	300.0	300.0	97	1.9

SPL Incorporated

John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 31730
207 70543-1730
PHONE 318-984-2373

** SPL QUALITY CONTROL REPORT **
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

METHOD-5030/8010 [SW 846] - Purgeable Halocarbons

SPL Sample ID: F111430-21A Reported on: 12-04-91
Matrix: SOIL Analyzed on: 12-03-91
Spike Added: 50 ug/kg Analyst: D. CORMIER

This sample was randomly selected for use in the SPL Quality Control Program.
The results are as follows:

Compound	Blank Conc	Sample Conc	MS Conc	MSD Conc	MS % Recov	MSD % Recov	RPD %	QC Limits % Rec.	RPD
chlorodifluoromethane	ND	ND	52.0	49.0	104.0	98.0	5.9	-----	20
loromethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-193	20
nyl Chloride	ND	ND	50.0	48.0	100.0	96.0	4.1	28-163	20
omochthane	ND	ND	53.0	51.0	106.0	102.0	3.0	D-144	20
loroethane	ND	ND	55.0	49.0	110.0	98.0	11.5	46-137	20
ichlorofluoromethane	ND	ND	52.0	48.0	104.0	96.0	8.0	21-156	20
1-Dichloroethene	ND	ND	53.0	49.0	106.0	98.0	7.8	28-167	20
thylene Chloride	ND	ND	50.0	48.0	100.0	96.0	4.1	25-162	20
ans-1,2-Dichloroethene	ND	ND	51.0	48.0	102.0	96.0	5.1	38-155	20
1-Dichloroethane	ND	ND	50.0	47.0	100.0	94.0	6.2	47-132	20
loroform	ND	ND	50.0	48.0	100.0	96.0	4.1	49-133	20
1,1-Trichloroethane	ND	ND	52.0	50.0	104.0	100.0	3.9	41-136	20
rbon Tetrachloride	ND	ND	51.0	49.0	102.0	98.0	4.0	43-143	20
2-Dichloroethane	ND	ND	51.0	49.0	102.0	98.0	4.0	51-147	20
ichloroethene	ND	ND	51.0	49.0	102.0	98.0	4.0	35-146	20
2-Dichloropropane	ND	ND	50.0	48.0	100.0	96.0	4.1	44-156	20
omodichloromethane	ND	ND	50.0	48.0	100.0	96.0	4.1	42-172	20
Chloroethyl Vinyl Ether	ND	ND	62.0	59.0	124.0	118.0	5.0	14-186	20
s-1,3-Dichloropropene	ND	ND	53.0	49.0	106.0	98.0	7.0	22-178	20
ans-1,3-Dichloropropene	ND	ND	55.0	51.0	110.0	102.0	7.5	22-178	20
1,2-Trichloroethane	ND	ND	53.0	51.0	106.0	102.0	3.8	39-136	20
trachloroethene	ND	ND	53.0	50.0	106.0	100.0	5.8	26-162	20
bromochloromethane	ND	ND	54.0	51.0	108.0	102.0	5.7	24-191	20
lorobenzene	ND	ND	52.0	50.0	104.0	100.0	3.9	38-150	20
omoform	ND	ND	57.0	55.0	114.0	110.0	3.6	13-159	20
1,2,2-Tetrachloroethane	ND	ND	58.0	55.0	116.0	110.0	5.3	8-184	20
3-Dichlorobenzene	ND	ND	51.0	49.0	102.0	98.0	4.0	7-187	20
4-Dichlorobenzene	ND	ND	53.0	51.0	106.0	102.0	3.8	42-143	20
2-Dichlorobenzene	ND	ND	52.0	51.0	104.0	102.0	1.9	D-208	20

= Not Detected

- Detection Limit

SPL, Incorporated

John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.
ENVIRONMENTAL LABORATORY

LAFAYETTE
P.O. BOX 31700
201 205th Street
MORIL, LA 70451-374

1. CHEST #

DATE

11-26

2. DENT CHEST: YES/NO

SAMPLE LOCIN CHECKLIST

YES NO

- 1) IS A CHAIN-OF-CUSTODY FORM PRESENT?
2) IS THE COC PROPERLY COMPLETED?
IF NO, DESCRIBE WHAT IS INCOMPLETE:

✓ _____

- 3) HAS CLIENT BEEN CONTACTED ABOUT INCOMPLETE COC:
4) IS AIRBILL/PACKING LIST/BILL OF LADING ATTACHED
TO SHIPMENT?
IF YES, TO:

_____ ✓

- 5) ARE CUSTOMS SEALS PRESENT ON THE PACKAGE:
IF YES, ARE THEY INTACT UPON RECEIPT:

_____ ✓

- 6) ARE ALL SAMPLES TAGGED OR LABELED:
DO THE LABELS MATCH THE COC:
IF NO, HAS CLIENT BEEN CONTACTED ABOUT IT:
(PLACE SUBSEQUENT DOCUMENTATION FROM CLIENT IN REMARKS)

✓ _____

- 7) DO ALL SHIPPING DOCUMENTS ACRRF:
IF NO, DESCRIBE WHAT IS IN NONCONFORMITY:

- 8) CONDITION/TEMPERATURE OF SHIPPING CONTAINER:

OK / 4°C ✓

- 9) CONDITION OF SAMPLE CONTAINERS:

GOOD ✓

- 10) SAMPLE DISPOSAL: SPLI RETURN TO CLIENT
REMARKS/CONTACT/PHONE/DATE:

RE: H. E. T. REPTS TO: Hydro-Eco-Tech INV. TO: Hydro-Eco-Tech
REQ #: 1051-03 ATTN: Stewart Stover ATTN: Stewart Stover
POD LOC.: ADDR: ADDR:
SPLI REP.: Ocean Valley CITY/ST: CITY/ST:



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
281705VA-1780
PHONE 318-984-2374

Certificate of Analysis No. X1127338

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SD-9
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:15 AM
Date Received: 11-27-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	ND	mg/kg	0.0200	mg/kg
Toluene	ND	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.413.1 [EPA Wtr&Wst]	120	mg/kg	6.7	mg/kg

DTEX ANALYZED BY : M. STEWART DATE/TIME: 12-03-91, 10:51 AM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 21780
247 10593-1780
PHONE 318 934-2374

Certificate of Analysis No. X1127338

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE
Sample of: SOIL
Sample point: SD-9 (1.5 - 2.5 COMPOSITE)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:15 AM

TOTAL METALS

Parameter	Method	Results	Det Lmt	Analyst	Date/Time Analyzed
IRON	7060	14.0	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
METUM	3050/7000	199	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
ODIUM	3050/7130	1.5	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7100	11	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
UD	3050/7420	461	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
URCURY	7471	0.064	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
ILENIUM	7740	1.0	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
IVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated


C.A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127338

LAFAYETTE
PO BOX 31780
ZIP 70593 1780
PHONE 318 984 3374

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:

Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-9
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:15 AM

Date Received: 11-27-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.10 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethane	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 06:05 PM

METHOD-S030/8010 [SW 846] - Purgeable halocarbons

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

D. Cormier



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 21780
2P 70593-1780
PHONE 318 944 7374

Certificate of Analysis No. X1127339

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-10
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:39 AM
Date Received: 11-27-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	0.0045	mg/kg	0.0200	mg/kg
Toluene	0.0037	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	ND	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons (Method-Mod.416.1 [EPA Wtr&Wst])	820	mg/kg	6.7	mg/kg

UTEX ANALYZED BY : M. STEWART DATE/TIME: 12-03-91, 11:16 AM

TPEX ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPEX EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
ZIP 70591-1780
PHONE 318 984-2374

Certificate of Analysis No. X1127339

HYDRO ENVIRONMENTAL TECHNOLOGY
104 CAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE
Sample of: SOIL
Sample point: SB-10 (1.5 - 2.5)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:39 AM

TOTAL METALS

Parameter	Method	Results	Detection Limit	Analyst	Date/Time Analyzed
SENIUM	7060	10.2	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7080	109	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
OMIUM	3050/7130	0.8	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	6	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
ND	3010/7420	165	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURY	7471	0.139	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	1.1	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
LEVER	7760	ND	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

ND = Parameter analyzed for but not detected. The reported limit is the minimum obtainable detection limit for the sample.

Quality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

NOTE: Analytical results reported as Dry Weight.

SPL, Incorporated

G. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127339

LAFAYETTE
P.O. BOX 31780
207 70303-1780
PHONE 318 984-2374

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-10
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:39 AM Date Received: 11-27-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethene	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropene	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-09-91, 07:12 PM
METHOD-5030/8010 (SW 846) - Purgeable Halocarbons
Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.
QUALITY ASSURANCE: This analysis was performed in accordance with EPA
guidelines for analysis and quality control.
SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31760
70 70593-1760
PHONE 318 984-2374

Certificate of Analysis No. X1127340

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70583

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-11
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:45 AM
Date Received: 11-27-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		PQL*	
Benzene	0.0070	mg/kg	0.0200	mg/kg
Toluene	0.0050	mg/kg	0.0200	mg/kg
Ethylbenzene	ND	mg/kg	0.0200	mg/kg
Xylenes	0.0025	mg/kg	0.0200	mg/kg
Method-5030/8020 [SW846]				
Total Petroleum Hydrocarbons Method-Mod.418.1 [EPA Wtr&Wst]	18	mg/kg	6.7	mg/kg

OTEX ANALYZED BY : M. STEWART DATE/TIME: 12-03-91, 11:41 AM

TPH ANALYZED BY : R. BOGER DATE/TIME: 11-30-91, 10:00 PM
TPH EXTRACTED BY : R. BOGER DATE/TIME: 11-30-91, 05:00 PM

Notes: * Practical Quantitation Limit
ND = Not Detected, NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31190
31170503 3700
PHONE 318 984 2374

Certificate of Analysis No. X1127340

HYDRO ENVIRONMENTAL TECHNOLOGY
104 SAVONNE DRIVE
SCOTT, LA 70583

12-18-91

Location/Field: CITY OF LAFAYETTE
Sample of: SOIL
Sample point: SB-11 (1.5 - 2.5)
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:45 AM

TOTAL METALS

Parameter	Method	Results	Detect Limit	Analyst	Date/Time Analyzed
SENIUM	7060	6.6	mg/kg 0.1	K. GRIZZAFFI	12-04-91, 02:00 PM
RIUM	3050/7080	87	mg/kg 10	M. BERGERON	12-10-91, 06:30 AM
DMIUM	3050/7130	1.7	mg/kg 0.5	M. BERGERON	12-09-91, 11:00 AM
ROMIUM	3050/7190	7	mg/kg 5	M. BERGERON	12-09-91, 09:00 AM
AD	3050/7420	141	mg/kg 10	M. BERGERON	12-05-91, 09:30 AM
RCURRY	7471	0.085	mg/kg 0.004	M. BERGERON	12-11-91, 09:00 AM
LENIUM	7740	ND	mg/kg 0.2	C. CALAIS	12-05-91, 07:00 AM
IVER	7760	1	mg/kg 1	M. BERGERON	12-11-91, 01:00 PM

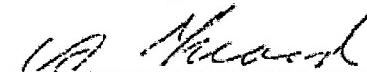
Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 1986

B = Parameter analyzed for but not detected. The reported limit is the minimum attainable detection limit for the sample.

uality Assurance: These analyses are performed in accordance with EPA guidelines for Quality Assurance.

OTE: Analytical results reported as Dry Weight.

SPL, Incorporated



C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis No. X1127340

LAFAYETTE
P.O. BOX 31260
208 28th Street
PHONE 446-8374

HYDRO ENVIRONMENTAL TECHNOLOGY, INC.
104 SAVONNE DR.
SCOTT, LA 70593

12-09-91

Project No:
Project: CITY OF LAFAYETTE
Site: LAFAYETTE, LA
Sample No: SB-11
Sample of: SOIL
Sampled by: HYDRO ENVIRONMENTAL
Sample Date: 11-27-91, 09:45 AM Date Received: 11-27-91

PARAMETER	RESULTS	MDL*
Dichlorodifluoromethane	ND	0.10 ug/kg
Chloromethane	ND	0.08 ug/kg
Vinyl Chloride	ND	0.18 ug/kg
Bromomethane	ND	0.10 ug/kg
Chloroethane	ND	0.52 ug/kg
Trichlorofluoromethane	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.13 ug/kg
Methylene Chloride	ND	0.08 ug/kg
Trans-1,2-Dichloroethene	ND	0.10 ug/kg
1,1-Dichloroethane	ND	0.07 ug/kg
Chloroform	ND	0.05 ug/kg
1,1,1-Trichloroethane	ND	0.03 ug/kg
Carbon Tetrachloride	ND	0.12 ug/kg
1,2-Dichloroethane	ND	0.03 ug/kg
Trichloroethene	ND	0.12 ug/kg
1,2-Dichloropropane	ND	0.04 ug/kg
Bromodichloromethane	ND	0.10 ug/kg
2-Chloroethyl Vinyl Ether	ND	0.13 ug/kg
Cis-1,3-Dichloropropene	ND	0.10 ug/kg
Trans-1,3-Dichloropropene	ND	0.34 ug/kg
1,1,2-Trichloroethane	ND	0.02 ug/kg
Tetrachloroethene	ND	0.03 ug/kg
Dibromochloromethane	ND	0.09 ug/kg
Chlorobenzene	ND	0.25 ug/kg
Bromoform	ND	0.20 ug/kg
1,1,2,2-Tetrachloroethane	ND	0.03 ug/kg
1,3-Dichlorobenzene	ND	0.32 ug/kg
1,4-Dichlorobenzene	ND	0.24 ug/kg
1,2-Dichlorobenzene	ND	0.15 ug/kg

ANALYZED BY: D. CORMIER DATE/TIME: 12-03-91, 08:18 PM

METHOD-5030/5010 [SW 846] - Purgeable Halocarbons

Notes: * Method Detection Limit ND = Not Detected, NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA

guidelines for analysis and quality control.

SPL, Incorporated

C. A. Guardia



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
201 35th Street
PHONE 318 584-2374

** SPL QUALITY CONTROL REPORT **
DETX MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

SPL Sample ID: X112728G Reported on: 12-09-91
Matrix: SOIL Analyzed on: 12-03-91
Analyst: M. STEWART

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

---- SPIKE ANALYSIS ----

Compound	Blink Value ug/kg	Spike Added ug/kg	Original Sample Concentration ug/kg	MS Concentration ug/kg	MS % Rec #	QC Limits Range
BENZENE	ND	50	ND	45	90	39-150
TOLUENE	ND	50	ND	45	90	46-148
ETHYLBENZENE	ND	50	ND	47	94	32-160
m,p-XYLENE	ND	100	ND	96	96	32-160
o-XYLENE	ND	50	ND	49	98	32-160

---- SPIKE DUPLICATE ANALYSIS ----

Compound	Spike Added ug/kg	MSD Concentration ug/kg	MSD % Rec #	% RPD #	QC LIMITS RPD Rec. Limit	Range
BENZENE	50	44	88	2	20	39-150
TOLUENE	50	44	88	2	20	46-148
ETHYLBENZENE	50	47	94	0	20	32-160
m,p-XYLENE	100	94	94	2	20	32-160
o-XYLENE	50	48	96	2	20	32-160

SPL, Incorporated
John Durand
John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
P.O. BOX 31780
ZIP 70503-1780
PHONE 318 584 2374

** SPL QUALITY CONTROL REPORT **

Matrix: SOIL

Reported on: 12-09-91
Analyzed on: 11-30-91
Analyst: R. BOGER

This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

TOTAL PETROLEUM HYDROCARBONS [TPH]
Method-Modified 418.1 [45501]

----- SPIKE ANALYSIS -----

SPL Sample ID	Blank Value mg/kg	Spike Added mg/kg	Original Sample Concentration mg/kg	MS Concentration mg/kg	MS % Rec #
X1127315	ND	300.0	ND	292.0	97

----- SPIKE DUPLICATE ANALYSIS -----

SPL Sample ID	Spike Added mg/kg	MSD Concentration mg/kg	MSD % Rec #	% RPD
X1127315	300.0	290.0	96	0.7

SPL, Incorporated

John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.

LAFAYETTE
PO BOX 31780
ZIP 70503-1780
PHONE 318 884-2374

** SPL QUALITY CONTROL REPORT **
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

METHOD-5030/8010 [SW 646] - Purgeable Halocarbons

SPL Sample ID: F111430-21A Reported on: 12-04-91
Matrix: SOIL Analyzed on: 12-03-91
Spike Added: 50 ug/kg Analyst: D. CORMIER

This sample was randomly selected for use in the SPL Quality Control Program.
The results are as follows:

Compound	Blank Conc	Sample Conc	MS Conc	MSD Recov	MS % Recov	SD %	RPD	QC Limits % Rec.	RPD
1-Chlorodifluoromethane	ND	ND	52.0	49.0	104.0	98.0	5.9	-----	20
1,1-Difluoromethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-193	20
1,1-Dimethyl Chloride	ND	ND	50.0	48.0	100.0	96.0	4.1	28-163	20
1,1-Dibromoethane	ND	ND	53.0	51.0	106.0	102.0	3.8	D-144	20
1,1-Dichloroethane	ND	ND	55.0	49.0	110.0	93.0	11.5	46-137	20
1,1-Dichlorofluoromethane	ND	ND	52.0	48.0	104.0	96.0	8.0	21-156	20
1,1-Dichloroethene	ND	ND	53.0	49.0	106.0	98.0	7.8	28-167	20
1,1-Ethylene Chloride	ND	ND	50.0	48.0	100.0	95.0	4.1	25-162	20
1,1,1-Trichloroethene	ND	ND	51.0	48.0	102.0	93.0	6.1	38-155	20
1,1,2-Dichloroethene	ND	ND	50.0	47.0	100.0	94.0	5.2	47-132	20
1,1-Dichloroform	ND	ND	50.0	48.0	100.0	96.0	4.1	49-133	20
1,1,1-Trichloroethane	ND	ND	52.0	50.0	104.0	100.0	3.9	41-138	20
1,1,2,2-Tetrachloroethane	ND	ND	51.0	49.0	102.0	98.0	4.0	43-143	20
1,1-Dichloroethane	ND	ND	51.0	49.0	102.0	98.0	4.0	51-147	20
1,2-Dichloropropane	ND	ND	50.0	48.0	100.0	96.0	4.1	44-156	20
1,2-Dichlorodifluoromethane	ND	ND	50.0	48.0	100.0	95.0	4.1	42-172	20
1-Chloroethyl Vinyl Ether	ND	ND	62.0	59.0	124.0	118.0	5.0	14-186	20
1,2,1,3-Dichloropropene	ND	ND	53.0	49.0	106.0	98.0	7.8	22-178	20
1,2,1,3-Dichloropropene	ND	ND	55.0	51.0	110.0	102.0	7.5	22-178	20
1,1,2-Trichloroethane	ND	ND	53.0	51.0	106.0	102.0	3.8	39-136	20
1,2-Dichloroethene	ND	ND	53.0	50.0	106.0	100.0	5.8	26-162	20
1-Bromo-1,1-difluoroethane	ND	ND	54.0	51.0	108.0	102.0	5.7	24-191	20
1,1-Dibromobenzene	ND	ND	52.0	50.0	104.0	100.0	3.9	38-150	20
1,1-Dichloroform	ND	ND	57.0	55.0	114.0	110.0	3.6	13-159	20
1,1,2,2-Tetrachloroethane	ND	ND	58.0	55.0	116.0	110.0	5.3	8-184	20
1,3-Dichlorobenzene	ND	ND	51.0	49.0	102.0	98.0	4.0	7-187	20
1,4-Dichlorobenzene	ND	ND	53.0	51.0	106.0	102.0	3.8	42-143	20
1,2-Dichlorobenzene	ND	ND	52.0	51.0	104.0	102.0	1.9	D-208	20

D = Not Detected

L = Detection Limit

SPL, Incorporated

John Durand

John Durand, QC Officer



SOUTHERN PETROLEUM LABORATORIES, INC.
ENVIRONMENTAL LABORATORY

LAFAYETTE
P.O. BOX 31780
200 JONES ST. 1700
PHONE 318 966 2374

SPL CREST #

DATE

11-2-67

CLIENT CREST: YES/NO

SAMPLE LOG-IN CHECKLIST

YES NO

- 1) IS A CHAIN-OF-CUSTODY FORM PRESENT:
2) IS THE COC PROPERLY COMPLETED:
IF NO, DESCRIBE WHAT IS INCOMPLETE:

3) HAS CLIENT BEEN CONTACTED ABOUT INCOMPLETE COC: _____

4) IS AIRBILL/PACKING LIST/BILL OF LADING ATTACHED
TO SHIPMENT:
IF YES, ID# _____

5) ARE CUSTODY SEALS PRESENT ON THE PACKAGE:
IF YES, ARE THEY INTACT UPON RECEIPT: _____

6) ARE ALL SAMPLES TAGGED OR LABELED:
DO THE LABELS MATCH THE COC:
IF NO, HAS CLIENT BEEN CONTACTED ABOUT IT:
(PLACE SUBSEQUENT DOCUMENTATION FROM CLIENT IN REMARKS)

7) DO ALL SHIPPING DOCUMENTS AGREE:
IF NO, DESCRIBE WHAT IS IN NONCONFORMITY:

8) CONDITION/TEMPERATURE OF SHIPPING CONTAINER:

RECEIVED BY

OK / 4°C

JUL 21 1993

9) CONDITION OF SAMPLE CONTAINERS:

GROUND WATER
PROTECTION DIVISION

OK

10) SAMPLE DISPOSAL: SPL _____ RETURN TO CLIENT _____
REMARKS/CONTACT/PHONE/DATE: _____

CO.: Mgmt REPTO TO: _____ INV. TO: _____

PROJ #: _____ ATTN: _____ ATTN: _____

PROJ LOC.: LAFAYETTE, LA. ADDR: _____ ADDR: _____

SPL PEP.: OSCAR ALVAREZ CTY/ST: _____ CTY/ST: _____



HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
Environmental Consultants
P.O. Box 31203
Lafayette, LA 70503-1203
Phone (318) 261-1963 FAX (318) 233-0361

SAMPLE CHAIN OF CUSTODY RECORD

Laboratory:

SPL

Project Name: City of Lafayette
Project #: 1051.03
Project Location: Lafayette (LA)

Sample Collected By:

BJS / KMM
(HET)

Company:

Date:

11-26-91

Sample I.D.	Type	Date/Time Sampled	Containers	Analysis Requested/Method	Comments
5'-6' SB1	SO	11-26-91 13:35	(1) (Quart) Glass	VOC - 8240 TPH - 418.1 TOTAL METALS	5'-6'
0'-1' SB2	SO	11-26-91 13:50	"	"	0'-1'
SB3	SO	11-26-91 14:05	"	"	1.5'-2.5'
SB4	SO	11-26-91 14:20	"	"	1.5'-2.5'
SB5	SO	11-26-91 14:30	"	"	1.5'-2.5'
SB6	SO	11-26-91 15:00	"	"	1.5'-2.5'
SB7 0+	SO	11-26-91 16:10	"	"	1.5'-2.5'
1.5'-2.5' SB8	SO	11-26-91 16:55	(1) (Quart) Glass	VOC - 8240 TPH - 418	
P1	SO	11-26-91 15:20	"	TOTAL METALS	6.5'-7.5'
SB2	SO	11-26-91 13:55	"	"	1.5'-2.5'
12-27-91	as per Stewart Slides	Change VOC 8240 to 601+602 analysis, from TPH 418.1 to Total Metals on all samples.			
				K. Steele	
Relinquished By: <u>Keith Steele</u>	Received By:			DC, MS SW	
Date/Time: 11-26-91 17:10	Date/Time:				
Relinquished By:	Received By:	OSCAR LAFLOUAS JK O.C.M.B. M			
Date/Time:	Date/Time:	11-26-91 17:10 JK			
Analysis Due Verbal:	Written:			12-5-91	

Page _____ of _____



SPL Environmental Laboratories, Inc.
1000 Caribbean Road

Analysis Request and Chain of Custody Record

Exhibit Letter 2016
100-00000

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Dad Black H.E.T.

Capt. F. G. L. A. Z. E.

City of Lafayette

**SUPPLEMENTAL DATA
FOR CONTAMINATION ASSESSMENT REPORT
Conoco Food Distributors Facility
1016 Southwest Evangeline Thruway
Lafayette, Louisiana
July 31, 1992**

Prepared for

**Mr. John Wallace - Vice President
Service Distributing Company, Inc.**

RECEIVED

AUG 10 1992

UNDErGROUND STOrAGE
TANK DIVISION

By

**HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.
104-R, Savonne Dr.
Scott, Louisiana
70583
(318) 281-1983**

FILED THIS
DAY OF Feb, 2016
[Handwritten Signature]
Deputy Clerk of Court





HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.

Environmental Consultants

P. O. Box 31203
Lafayette, LA 70503-1203 *La Fayette*

104 R. Savonne Drive
Scott, LA 70583

Phone: (318) 261-1963
FAX (318) 233-0361

August 05, 1992

Mr. Dennis D. Strickland
Program Manager
Louisiana Department of
Environmental Quality
Underground Storage Tank Division
P. O. Box 82178
Baton Rouge, LA 70884

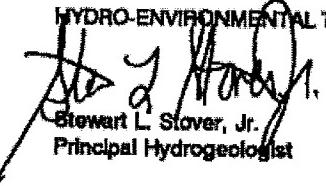
Dear Mr. Strickland:

Enclosed are three copies of the Supplemental Data for Contamination Assessment Report for the Conoco Food Distributors facility located at 1016 Southwest Evangeline Thruway in Lafayette, Louisiana.

Should you have any questions or need further information, please feel free to call.

Sincerely,

HYDRO-ENVIRONMENTAL TECHNOLOGY, INC.


Stewart L. Stover, Jr.
Principal Hydrogeologist

SLS/kth

Enclosures

cc: Mr. John Wallace

RECEIVED

AUG 10 1992

UNDERGROUND STORAGE
TANK DIVISION

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INTRODUCTION

Purpose

This investigation will serve to provide supplemental data for the completion of a Contamination Assessment Report dated April 24, 1992 for the Conco Food Distributors facility located on Southwest Evangeline Thruway in Lafayette, Lafayette Parish, Louisiana. The data collected during this investigation will aid in determining the horizontal extent of contamination at this site.

Site History

Information concerning site history was provided by Service Distributing Company (SDC). On February 2, 1992, Service Distributing Company collected soil samples for closure purposes beneath the on-site underground storage tanks. Soil samples were collected at a depth of two feet below the bottom of the tankhold for laboratory analysis prior to removal. Laboratory analysis indicated the soil surrounding the former tankhold contained Total Petroleum Hydrocarbons - Diesel compounds above the acceptable levels. Subsequently, Service Distributing removed two (2) ten thousand gallon and one (1) eight thousand gallon diesel underground storage tanks. In late February 1992, Hydro-Environmental Technology, Inc. (HET) was contracted to conduct a preliminary soil investigation at the site. On February 25, 1992, HET installed three (3) soil borings for the purposes of collecting soil samples for laboratory analysis to determine site soil conditions. Laboratory analysis indicated soil contamination and possible groundwater contamination. Upon review of the laboratory analysis, the Louisiana Department of Environmental Quality (LDEQ) requested that a contamination assessment be conducted at this facility. The contamination assessment report was submitted to the LDEQ on April 24, 1992. On July 9, 1992, the LDEQ requested additional soil information in the area northeast of monitor well MW3. On July 21, 1992, HET installed four (4) soil borings to satisfy the requests of the LDEQ.